

## **ABSTRACT**

An automatic inflation and deflation circuit for a tube (3) is produced with a single compressed fluid supply conduit (5). The inflation results from subjecting a non-return valve (VA) in series on the conduit to excess pressure. Deflation is provided by subjecting the non-return valve for a brief moment to excess pressure and then in producing (EVDG) a calibrated leak (11) in the conduit. Evidence is provided that the pressure in the conduit is such that it enables to maintain the non-return valve open, although the pressure on the side of the tube is higher than the pressure in the conduit during deflation.